

Appendix A Ohio State University Biophysics Student Pre-Contract.

This is a statement that describes the way in which I have completed or I intend to complete the **minimum general course** requirements for a Ph.D. in Biophysics at Ohio State.

Name: _____

Admission Date: _____

Requirements	Description	Student Plan
Physics	Through particles and waves, quantum mechanics and thermodynamics	
Mathematics	Through differential and integral calculus	
Chemistry	Through inorganic, organic chemistry and physical chemistry	
Biology	General biology, microbiology, botany or animal physiology	
Computer skills I	Familiarity with programming in a modern language or experience with equivalent software.	
Computer skills II	Word processing, statistical, graphics, and presentation, literature searching software	
Biochemistry	A complete graduate level biochemistry course or equivalent	
Biophysics	Two quarters of introductory Biophysics or equivalent	
Laboratory Course	Laboratory course or experience in biochemistry, molecular biology, electronics, etc. depending on area of interest	
Scientific Ethics	Scientific integrity, plagiarism, authorship, etc.	
Grantsmanship	Background in grant writing techniques and approaches	
Statistics	Basic statistical approaches to handling scientific data.	
Lab Internships	Minimum of 3 required	
Spoken, written Eng. Requir.	Applies to non-domestic students only	

Ohio State University Biophysics Student Pre-Contract (cont.)

The Biophysics training track that most closely describes my current primary research direction interests is: _____

The Biophysics track that is the next closest description or an area I am also interested in is:

I have discussed my planned curriculum with the following three faculty within the Biophysics Program: _____
